

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Jan-hyoun YOUM et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: September 15, 2003

Examiner: Unassigned

For: POWER SUPPLY DEVICE AND CONTROL METHOD THEREOF

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.


1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☒ English language translation (abstract) attached to each non-English language publication.
  - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  
  
(Check appropriate Items 2a, 2b, 2c and/or 2d)
  - 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
  - 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because an English language translation (abstract) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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By:   
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 1572.1158	APPLICATION NO.
	FIRST NAMED INVENTOR Jan-hyoun YOUM et al.	
	FILING DATE September 15, 2003	GROUP ART UNIT

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AE	1997-4502	3/1997	Korea				X
	AF	10-231214	8/1999	Korea				X
	AG	10-265668	6/2000	Korea				X
	AH	10-353357	9/2002	Korea				X
	AI	10-358764	10/2002	Korea				X
	AJ	EP1168588A1	1/2002	EPO				
	AK	5-56629	3/1993	Japan			abstr	

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AL	
	AM	
	AN	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO. 1572.1158	APPLICATION NO.
	FIRST NAMED INVENTOR Jan-hyoun YOUM et al.	
	FILING DATE September 15, 2003	GROUP ART UNIT

Korean Patent Publication No. 1997-4502 issued on March 28, 1997 is generally related to Power Supply Device and Control Method Thereo.

Korean Patent Publication No. 10-231214 issued on August 27, 1999 is generally related to Power Supply Device and Control Method Thereo.

Korean Patent Publication No. 10-265668 issued on June 16, 2000 is generally related to Power Supply Device and Control Method Thereo.

Korean Patent Publication No. 10-353357 issued on September 6, 2000 is generally related to Power Supply Device and Control Method Thereo.

Korean Patent Publication No. 10-358764 issued on October 16, 2000 is generally related to Power Supply Device and Control Method Thereo.

Japanese Patent Publication No. 5-56629 issued on March 5, 1993 is generally related to Power Supply Device and Control Method Thereo.